**Geometry/Algebra 2**

**Section 7.7, Solve Right Triangles, p 483**

**p 486-88 #19-28 and #34, 36, 38 and 40**

19.  should have been used instead of  

20. To determine the measure of angle  using cosine, the ratio is adjacent over hypotenuse; 

21. 

22. 

23. 

24. 

25. 

26. 

27. 

28. 

34. about 

36. No, because  ( being the angle in which it is easy to dump)

38. a. about 

b. about 

c. about ; subtract the two distances to find out how far the two hikers are from each other.

40. Answers vary. Check with your math partner.